Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090921\
Data File : BM032114.D
Acq On : 09 Sep 2021 17:54
Operator : CG/JU
Sample : M3655-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CON-GROWSMS

Manual Integrations APPROVED
mohammad
9/10/2021 3:24:45 PM

Quant Time: Sep 10 03:08:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 19:23:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	70745	20.000	ng	0.00
21) Naphthalene-d8	10.110	136	268881	20.000	ng	# 0.00
39) Acenaphthene-d10	14.015	164	165314	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	317407	20.000	ng	0.00
76) Chrysene-d12	21.003	240	298632	20.000	ng	0.00
86) Perylene-d12	23.091	264	308080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	477249	120.376	ng	0.00
7) Phenol-d6	6.563	99	547630	90.795	ng	0.00
23) Nitrobenzene-d5	8.510	82	483144	80.080	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	176217	134.129	ng	0.00
45) 2-Fluorobiphenyl	12.621	172	960768	76.202	ng	0.00
79) Terphenyl-d14	19.445	244	1494915	81.676	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	68317	38.073	ng	# 83
3) Pyridine	3.410	79	137194	29.324	ng	89
4) n-Nitrosodimethylamine	3.322	42	103745	42.481	ng	# 59
6) Aniline	6.710	93	138241	20.717	ng	98
8) 2-Chlorophenol	6.928	128	189583	42.812	ng	97
9) Benzaldehyde	6.528	77	108149	31.436	ng	98
10) Phenol	6.592	94	218172	35.666	ng	93
11) bis(2-Chloroethyl)ether	6.810	93	204662	44.329	ng	98
12) 1,3-Dichlorobenzene	7.245	146	223025	40.722	ng	94
13) 1,4-Dichlorobenzene	7.392	146	229806	41.442	ng	97
14) 1,2-Dichlorobenzene	7.698	146	217985	40.187	ng	97
15) Benzyl Alcohol	7.616	79	203765	42.939	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.881	45	279359	42.030	ng	98
17) 2-Methylphenol	7.816	107	161463	39.422	ng	99
18) Hexachloroethane	8.398	117	89131	42.704	ng	91
19) n-Nitroso-di-n-propyla...	8.169	70	172217	39.031	ng	94
20) 3+4-Methylphenols	8.139	107	214072	39.450	ng	97
22) Acetophenone	8.181	105	334438	43.166	ng	95
24) Nitrobenzene	8.551	77	266777	41.491	ng	99
25) Isophorone	9.075	82	436070	38.916	ng	100
26) 2-Nitrophenol	9.251	139	73764	59.774	ng	93
27) 2,4-Dimethylphenol	9.322	122	172789	46.261	ng	98
28) bis(2-Chloroethoxy)met...	9.563	93	251267	44.779	ng	99
29) 2,4-Dichlorophenol	9.775	162	185841	45.831	ng	99
30) 1,2,4-Trichlorobenzene	9.980	180	225636	40.946	ng	98
31) Naphthalene	10.163	128	610896	40.620	ng	99
32) Benzoic acid	9.457	122	24856	19.227	ng	92
33) 4-Chloroaniline	10.298	127	42034	7.267	ng	98
34) Hexachlorobutadiene	10.433	225	144053	38.948	ng	97
35) Caprolactam	11.110	113	38283m	34.371	ng	
36) 4-Chloro-3-methylphenol	11.433	107	188751	39.681	ng	97
37) 2-Methylnaphthalene	11.786	142	432304	39.676	ng	98
38) 1-Methylnaphthalene	12.010	142	395895	38.428	ng	95
40) 1,2,4,5-Tetrachloroben...	12.163	216	246820	44.624	ng	97
41) Hexachlorocyclopentadiene	12.133	237	223799	109.848	ng	97
43) 2,4,6-Trichlorophenol	12.427	196	113022	50.330	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.498	196	136209	49.820	ng		93
46) 1,1'-Biphenyl	12.833	154	531996	42.187	ng		99
47) 2-Chloronaphthalene	12.868	162	440579	43.080	ng		98
48) 2-Nitroaniline	13.104	65	136768	47.120	ng		98
49) Acenaphthylene	13.733	152	668814	43.615	ng		99
50) Dimethylphthalate	13.498	163	519588	43.285	ng	#	99
51) 2,6-Dinitrotoluene	13.621	165	111141	45.582	ng	#	79
52) Acenaphthene	14.080	154	393138	41.255	ng		97
53) 3-Nitroaniline	13.951	138	57063	26.730	ng		95
54) 2,4-Dinitrophenol	14.174	184	22324	32.042	ng	#	81
55) Dibenzofuran	14.421	168	646655	40.704	ng		95
56) 4-Nitrophenol	14.286	139	112432	94.231	ng		93
57) 2,4-Dinitrotoluene	14.421	165	147096	43.496	ng	#	96
58) Fluorene	15.080	166	511898	41.011	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	91453	45.764	ng	#	82
60) Diethylphthalate	14.880	149	612943	52.589	ng		96
61) 4-Chlorophenyl-phenyle...	15.086	204	275509	41.094	ng		90
62) 4-Nitroaniline	15.133	138	84234	40.066	ng		93
63) Azobenzene	15.380	77	573704	42.098	ng		93
65) 4,6-Dinitro-2-methylph...	15.192	198	23679	22.319	ng		85
66) n-Nitrosodiphenylamine	15.310	169	434599	41.837	ng		95
67) 4-Bromophenyl-phenylether	15.980	248	155002	41.532	ng		94
68) Hexachlorobenzene	16.080	284	174175	41.272	ng	#	86
69) Atrazine	16.280	200	160172	50.263	ng		95
70) Pentachlorophenol	16.439	266	117670	85.039	ng		95
71) Phenanthrene	16.821	178	760292	41.871	ng		99
72) Anthracene	16.915	178	788649	44.430	ng		99
73) Carbazole	17.198	167	690140	42.333	ng		97
74) Di-n-butylphthalate	17.774	149	845272	49.883	ng		100
75) Fluoranthene	18.856	202	874534	43.222	ng		98
77) Benzidine	19.068	184	180119	32.746	ng		97
78) Pyrene	19.221	202	896703	39.414	ng		99
80) Butylbenzylphthalate	20.156	149	357660	48.000	ng		98
81) Benzo(a)anthracene	20.986	228	827752	41.380	ng		99
82) 3,3'-Dichlorobenzidine	20.933	252	207125	37.609	ng		98
83) Chrysene	21.039	228	880711	41.478	ng		98
84) Bis(2-ethylhexyl)phtha...	20.939	149	546518	48.668	ng		96
85) Di-n-octyl phthalate	21.791	149	922254	53.725	ng		97
87) Indeno(1,2,3-cd)pyrene	25.144	276	1036821	49.626	ng		96
88) Benzo(b)fluoranthene	22.480	252	880665	42.728	ng		99
89) Benzo(k)fluoranthene	22.521	252	948719	42.573	ng		98
90) Benzo(a)pyrene	23.009	252	868373	45.873	ng		98
91) Dibenzo(a,h)anthracene	25.150	278	888772	49.338	ng		98
92) Benzo(g,h,i)perylene	25.756	276	899842	50.447	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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